

IN THE CLAIMS

1 - 13 (Cancelled)

14. (Currently Amended) Glazing comprising a glass substrate coated with a layer of aluminum oxynitride deposited by gas-phase pyrolysis,
wherein the constituent elements of the aluminum oxynitride layer are respectively in the following atomic proportions:

Al from 40 to 50%

N from 20 to 50%

O from 10 to 60%;

the thickness and refractive index characteristics thereof being selected so as to attenuate the reflected colours produced by an oxide layer providing the glazing with low-emission and/or solar protection properties, said layer being deposited onto the aluminum oxynitride layer.

15. (Currently Amended) Glazing according to Claim 14, and including at least one of the following features (A) through (D)

~~(A) wherein the constituent elements of the aluminum oxynitride layer are respectively in the following atomic proportions:~~

~~Al from 40 to 50%~~

~~N from 20 to 50%~~

~~O from 10 to 60%;~~

~~(B) wherein the reflective index of the aluminum oxynitride layer is in the range of between 1.6 and 1.8;~~

~~(C) wherein the thickness of the aluminum oxynitride layer is in the range of between 500 and 900 ångströms; and~~

~~(D) wherein the oxide layer providing the low emission and/or solar protection properties is a layer based on doped tin oxide.~~

(A) through (C):

- (A) wherein the reflective index of the aluminum oxynitride layer is in the range of between 1.6 and 1.8;
- (B) wherein the thickness of the aluminum oxynitride layer is in the range of between 500 and 900 ångströms; and
- (C) wherein the oxide layer providing the low-emission and/or solar protection properties is a layer based on doped tin oxide.

16. (Currently Amended) Glazing according to Claim 15 and including at least two of the features (A) through ~~[(D)]~~ C.

17. (Currently Amended) Glazing according to Claim 15 and including all of the features (A) through ~~[(D)]~~ (C).

18. (Previously Presented) Glazing according to Claim 17 wherein:

the constituent elements of the aluminum oxynitride layer are respectively in the following atomic proportions:

Al	from 45 to 50%
N	from 22 to 30%
O	from 20 to 27%;

the refractive index of the aluminum oxynitride layer is in the range of between 1.65 and 1.75; and

the aluminum oxynitride layer has a thickness in the range of between 650 and 850 ångströms.

19. (Currently Amended) Glazing according to Claim 14 wherein the oxide layer providing the low-emission and/or solar protection properties is a layer based on at least one of the following ~~[(E)]~~ D through ~~[(G)]~~ F:

~~[(E)]~~ D doped tin oxide;

~~[(F)]~~ E is a tin oxide layer containing antimony oxide, the atomic ratio Sb/Sn being in the range of between 0.02 and 0.15;

~~[(G)]~~ F fluorine-doped tin oxide.

20. (Previously Presented) Process for the production of glazing according to Claim 14, wherein the aluminum oxynitride layer is formed by pyrolysis using gaseous precursors comprising aluminum trichloride or trimethyl aluminum.

21. (Previously Presented) Process for the production of glazing according to Claim 20, wherein the gaseous precursors also comprise ammonia.

22. (Previously Presented) Process for the production of glazing according to Claim 20, wherein the aluminum precursor is aluminum trichloride, the precursors also contain water vapour.